TN
24
C3
A3
no.21-22

CALIFORNIA. DEPT. OF NATURAL RESOURCES. DIVISION OF MINES.

BULLETIN.
no.21-22

THIS BOOK IS DUE ON THE LAST DATE STAMPED BELOW

AN INITIAL FINE OF 25 CENTS

WILL BE ASSESSED FOR FAILURE TO RETURN THIS BOOK ON THE DATE DUE. THE PENALTY WILL INCREASE TO 50 CENTS ON THE FOURTH DAY AND TO $1.00 ON THE SEVENTH DAY OVERDUE.

NOV 6 1981

UC DAVIS - INTERLIBRARY LOAN
SENT
OCT -7 1981
DUE 21 DAYS AFTER RECEIPT
RECEIVED
DEC 2 1981
PHYS SCI LIBRARY

THE LIBRARY
OF
THE UNIVERSITY
OF CALIFORNIA
DAVIS

Call Number:

164894
California. Dept. of natural resources. Division of mines.

TN24
C3
A3
no.21-22

California
TN24
C3
A3
no.21-22

PHYSICAL SCIENCES LIBRARY

3 1175 00458 8375

LIBRARY
UNIVERSITY OF CALIFORNIA
DAVIS

164894

12 Collates

THIS BOOK IS DUE ON THE LAST DATE STAMPED BELOW

AN INITIAL FINE OF 25 CENTS
WILL BE ASSESSED FOR FAILURE TO RETURN THIS BOOK ON THE DATE DUE. THE PENALTY WILL INCREASE TO 50 CENTS ON THE FOURTH DAY AND TO $1.00 ON THE SEVENTH DAY OVERDUE.

NOV 6 1981

UC DAVIS - INTER LIBRARY LOAN
SENT
OCT -7 1981
DUE 21 DAYS AFTER RECEIPT
RECEIVED
DEC 2 1981
PHYS SCI LIBRARY

THE LIBRARY
OF
THE UNIVERSITY
OF CALIFORNIA
DAVIS

Call Number:

164894
California. Dept. of natural resources. Division of mines.
TN24
C3
A3
no.21-22

California
TN24
C3
A3
no.21-22

PHYSICAL
SCIENCES
LIBRARY

3 1175 00458 8375

LIBRARY
UNIVERSITY OF CALIFORNIA
DAVIS

164894

BULLETIN No. 22

OF THE

CALIFORNIA STATE MINING BUREAU,

FERRY BUILDING, LEWIS E. AUBURY, STATE MINERALOGIST. SAN FRANCISCO.

Showing the Mineral Production of California for Fourteen Years.

CHAS G. YALE, Statistician

PRODUCTS	1887		1888		1889		1890		1891		1892		1893		1894		1895		1896		1897		1898		1899		1900		TOTALS FOR 14 YEARS		PRODUCTS
	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE	QUANTITY	VALUE		
Antimony_____Tons	75	$15,500	100	$20,000									50	$2,250	150	$6,000	33	$1,485	17	$2,320	20	$3,500	40	$1,200	75	$13,500	70	$5,700	630	$71,455	Antimony_____Tons
Asbestos_____Tons	30	1,800	30	1,800	30	$1,800	71	$4,260	66	$3,960	30	$1,830	50	2,500	50	2,250	25	1,000					10	200	30	750	50	1,250	472	23,400	Asbestos_____Tons
Asphalt_____Tons	4,000	16,000	3,100	38,500	3,000	30,000	3,000	30,000	4,000	40,000	7,550	75,500	9,150	161,250	11,698	233,800	25,525	170,500	20,914	362,590	22,697	404,350	25,690	482,175	15,060	208,130	12,575	253,950	167,959	2,607,745	Asphalt_____Tons
Bituminous Rock Tons	36,000	160,000	50,000	257,000	40,000	170,000	40,000	160,000	39,962	154,164	24,000	72,000	32,000	192,036	31,214	115,193	38,921	121,586	48,458	122,500	45,470	128,173	46,836	137,575	40,321	116,097	25,306	71,495	539,486	1,977,819	Bituminous Rock_Tons
Borax_____Lbs	2,029,380	116,689	2,809,088	196,636	1,939,650	145,473	6,402,034	480,152	8,533,337	640,000	11,050,495	838,787	7,910,563	593,292	11,540,099	807,807	11,918,000	595,900	13,508,000	675,400	16,000,000	1,080,000	16,600,000	1,153,000	40,714,000	1,169,862	51,674,000	1,013,251	202,630,000	9,476,269	Borax_____Lbs
Cement_____Bbls										5,000	15,000	5,000	15,000			8,000	21,600	16,383	32,556	9,500	28,250	18,000	66,000	50,000	150,000	60,000	180,000	52,000	121,000	223,883	629,406	Cement_____Bbls
Chrome_____Tons	3,000	40,000	1,500	20,000	2,000	30,000	3,599	53,985	1,372	20,580	1,500	22,500	3,319	49,785	3,680	39,980	1,740	16,795	766	7,775							140	1,400	22,636	302,800	Chrome_____Tons
Clay_Brick___M													103,900	301,750	81,675	457,125	131,772	672,360	24,000	524,740	97,468	563,240	100,102	571,362	125,950	54,730	137,191	905,210	802,058	5,250,517	Clay_Brick_M
Clay_Pottery_Tons	75,000	37,500	75,000	37,500	75,000	37,500	100,000	50,000	100,000	50,000	100,000	50,000	24,856	67,284	28,475	35,073	37,668	39,685	41,907	62,900	24,592	30,290	28,947	33,747	40,600	[illegible]00	59,636	60,956	811,673	635,135	Clay_Pottery_Tons
Coal_____Tons	50,000	150,000	95,000	380,000	121,280	288,232	110,711	283,019	93,301	204,902	85,178	209,711	72,603	167,555	59,887	139,862	79,858	193,790	70,649	161,335	87,449	196,255	143,045	337,475	160,941	4 109	176,956	535,531	1,406,858	3,667,776	Coal_____Tons
Copper_____Lbs	1,600,000	192,000	1,570,021	235,303	151,505	18,180	23,347	3,502	3,397,455	424,675	2,980,944	342,808	239,682	21,571	738,594	72,486	225,650	21,901	1,992,844	199,519	13,638,626	1,540,666	21,543,229	2,475,168	23,915,486	39 [illegible]34	29,515,512	4,748,242	101,532,895	14,286,555	Copper_____Lbs
Fullers Earth_Tons																									620	10	500	3,750	1,120	16,150	Fullers Earth___Tons
Gold_____		13,588,614		12,750,000		11,212,913		12,309,793		12,728,869		12,571,900		12,472,811		13,923,281		15,334,317		17,181,562		15,871,401		15,906,476		15,3[illegible]		15,863,355		197,001,325	Gold
Granite_____Cu.Ft.		150,000		57,000		1,329,018		1,200,000		1,300,000		1,000,000		531,322	312,365	228,816	288,449	224,329	185,261	201,004	339,288	188,024	98,368	147,732	128,924	[illegible]70	311,803	293,772		7,365,900	Granite_____Cu.Ft.
Gypsum_____Tons	2,700	27,000	2,500	25,000	3,000	30,000	3,000	30,000	2,000	20,000	2,000	20,000	1,620	14,280	2,446	24,584	5,158	51,014	1,310	12,580	2,200	19,250	3,100	23,600	3,663	[illegible]350	2,522	10,088	37,219	322,346	Gypsum_____Tons
Infusorial Earth_Tons					38	1,335							50	700	51	2,040					5	200				[illegible]	1		145	5,515	Infusorial Earth_Tons
Iron Ore_____Tons													250	2,000	200	1,500													450	3,500	Iron Ore_____Tons
Lead_____Tons	580	52,200	450	38,250	470	35,720	400	36,000	570	49,020	680	54,400	333	24,975	475	28,500	786	49,364	640	38,805	298	20,264	328	23,907	360	30,642	520	41,600	6,906	523,647	Lead_____Tons
Lime and Limestone_____		368,750		381,750		416,780		350,000		300,000		300,000		301,276		337,975		457,784		332,617		291,456		278,558		343,760		315,231		4,775,957	Lime and Limestone
Lithia Mica_____Tons																									124	[illegible]600	440	11,000	564	15,600	Lithia Mica_____Tons
Macadam_____Tons													271,500	256,875	441,967	369,438	840,653	700,987	646,646	510,245	487,911	313,087	452,691	369,082	323,590	239,867	360,597	262,570	3,825,552	3,022,151	Macadam_____Tons
Magnesite_____Tons	600	9,000	600	9,000	600	9,000	600	9,000	1,500	15,000	1,500	15,000	1,093	10,930	1,440	10,240	2,2[illegible]	17,000	1,500	11,000	1,143	13,671	1,263	19,075	1,280	[illegible]480	2,252	19,333	18,141	185,729	Magnesite_____Tons
Manganese_____Tons	1,000	9,000	1,500	13,500	53	901	366	3,176	705	3,830	300	3,000	270	4,050	523	5,512	880	8,200	518	3,415	504	4,080	440	2,102	295	[illegible]185	131	1,310	7,305	65,241	Manganese_____Tons
Marble_____Cu.Ft.		5,000		5,000		87,030		80,000		100,000		115,000		44,000	38,441	88,326	14,864	56,566	7,869	32,415	4,102	7,280	8,050	23,594	9,682	[illegible]550	4,103	5,891		666,652	Marble_____Cu.Ft.
Mineral Point___Tons					40	480	22	880	25	750	590	26,785	610	14,140	750	8,425	395	5,540	578	8,165	653	9,698	1,704	20,284	529	3,993	5,896	99,160	Mineral Point___Tons
Mineral Water_Gals	618,162	144,368	1,112,702	252,990	808,625	252,241	258,722	88,786	334,553	135,959	331,875	162,018	383,179	90,667	402,275	184,481	701,397	291,500	808,843	337,434	1,508,182	345,863	1,429,809	213,817	1,338,537	486,691	2,456,115	268,607	12,492,486	3,276,423	Mineral Water_Gals
Natural Gas___Cu.Ft.				10,000		12,680		33,000		30,000		55,000		68,500		79,072		112,000		114,457		62,657		74,424	115,110,000	93,000	40,565,500	34,578		778,368	Natural Gas___Cu.Ft.
Onyx and Travertine_____		900		900		900		1,500		2,400		1,800		27,000		20,000		12,000		24,000										91,400	Onyx and Travertine
Paving Blocks___M													2,770	96,950	2,317	68,981	2,332	73,338	4,161	77,584	1,711	35,235	1,144	21,725	305	[illegible]	1,192	23,775	16,132	31,636	Paving Blocks___M
Petroleum_____Bbls	678,572	1,357,144	690,335	1,380,666	303,220	368,048	307,360	384,200	323,600	401,264	385,049	561,333	470,119	608,092	783,078	1,064,521	1,245,339	1,000,235	1,257,780	1,180,793	1,911,569	1,918,269	2,249,088	2,376,420	2,677,875	2[illegible]	4,329,950	4,152,928	17,612,992	19,414,706	Petroleum_____Bbls
Platinum_____Ozs	100	400	500	2,000	500	2,000	600	2,500	100	500	80	440	75	517	100	600	150	900	162	944	150	900	300	1,800	300	[illegible]00			3,117	15,301	Platinum_____Ozs
Pyrites_____Tons																							6,000	30,000	5,400	[illegible]920	3,642	21,133	15,042	79,753	Pyrites_____Tons
Quartz Crystals_____																												18,000		18,000	Quartz Crystals
Quicksilver____Flasks	33,760	1,425,000	33,250	1,413,125	26,464	1,190,500	22,926	1,203,615	22,904	1,036,386	27,993	1,139,600	30,164	1,108,527	30,416	934,000	36,104	1,337,131	30,765	1,075,449	26,648	993,445	31,092	1,188,626	29,454	1,4[illegible]045	26,317	1,182,786	408,257	16,633,235	Quicksilver____Flasks
Rubble_____Tons													99,600	199,200	219,933	295,400	414,038	394,952	313,973	329,639	533,212	287,025	724,674	445,385	641,308	54,025	428,680	299,072	3,175,428	2,797,708	Rubble_____Tons
Salt_____Tons	28,000	112,000	30,800	92,400	21,000	63,000	8,729	57,085	20,004	90,303	23,570	104,788	50,500	213,000	48,131	140,087	53,031	150,576	64,743	153,244	67,851	157,520	93,421	170,855	82,634	143,586	89,338	204,754	682,862	1,859,200	Salt_____Tons
Sand_Glass___Tons																									2,000	2,000	2,000	2,000	4,000	4,000	Sand_Glass___Tons
Sand_Quartz___Tons																									1,000	1,500	200	200	1,200	1,700	Sand_Quartz___Tons
Sandstone___Cu.Ft.		175,000		150,000		175,598		100,000		100,000		50,000		26,314		113,592		35,373		28,378		24,086		46,384	56,264	103,384	578,468	254,140		1,382,249	Sandstone___Cu.Ft.
Serpentine___Cu.Ft.																	4,000	4,000	1,500	6,000	2,500	2,500	750	3,000	500	1,000	350	2,000	9,600	19,500	Serpentine___Cu.Ft.
Silver_____		1,632,003		1,700,000		754,793		1,060,613		953,157		463,602		537,157		297,332		599,789		422,464		452,789		414,055		504,012		1,510,344		11,302,110	Silver
Slate_____Squares					4,500	18,669	4,000	24,000	4,000	24,000	3,500	21,000	3,000	21,000	1,800	11,700	1,350	9,450	500	2,500	400	2,800	400	2,800	810	5,900	3,500	26,250	27,760	169,489	Slate_____Squares
Soapstone___Tons													400	17,750			25	375											425	18,125	Soapstone___Tons
Soda_____Tons															1,530	20,000	1,900	47,500	3,000	65,000	5,000	110,000	7,000	154,000	10,000	[illegible]000	1,000	50,000	29,430	696,500	Soda_____Tons
Sulphur_____Tons																							2	50					2	50	Sulphur_____Tons
Tin_____Lbs									125,289	27,564	162,000	32,400																	287,289	59,964	Tin_____Lbs
Tourmaline_____																												500		500	Tourmaline
Turquoise___Lbs																											500	20,000	500	20,000	Turquoise___Lbs
TOTALS		$10,785,868		$10,469,320		$16,681,731		$18,039,666		$18,872,413		$18,300,168		$16,811,261		[illegible],203,294		$22,844,663		$24,291,398		$25,142,441		$27,269,079		$29,[illegible],160		$32,622,945		$311,667,707	TOTALS